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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/930,440	08/16/2001	Michael J. Betenbaugh	PF509P2

22195
HUMAN GENOME SCIENCES INC
9410 KEY WEST AVENUE
ROCKVILLE, MD 20850

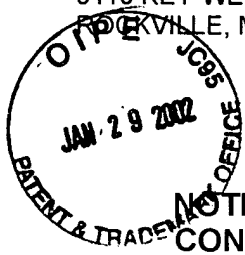
CONFIRMATION NO. 1490

FORMALITIES LETTER



OC00000007282108

Date Mailed: 01/09/2002



**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

#7

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

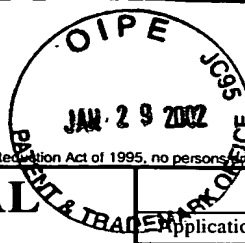
- For Rules Interpretation, call (703) 308-4216
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- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

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PART 2 - COPY TO BE RETURNED WITH RESPONSE



W 03C0#8

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2002

(Substitute form)

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/930,440
Filing Date	August 16, 2001
First Named Inventor	Betenbaugh, et al.
Examiner Name	To Be Assigned
Group Art Unit	1651
Attorney Docket Number	PF509P2

Total amount of payment	\$0.00
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METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number **08-3425**
- Deposit Account Name **Human Genome Sciences, Inc.**
- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit Card ☐ Money Order ☒ Other

FEE CALCULATION

1. BASIC FILING FEE		Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370			Utility filing fee	
106	330	206	165			Design filing fee	
107	510	207	255			Plant filing fee	
108	740	208	370			Reissue filing fee	
114	160	214	80			Provisional filing fee	
SUBTOTAL (1)							\$0.00

2. EXTRA CLAIM FEES				Extra Claims	Fee from below	Fee Paid
Total Claims				-20*	\$18.00	
Independent Claims				-3*	\$84.00	
Multiple Dependent					\$280.00	
Large Entity				Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
103	18	203	9	Claims in excess of 20		
102	84	202	42	Independent claims in excess of 3		
104	280	204	140	Multiple dependent claim, if not paid		
108	84	209	42	** Reissue independent claims over original patent		
110	18	210	9	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)				\$0.00		

* or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65			Surcharge - late filing fee or oath	
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
142	1,280	242	640			Utility issue fee (or reissue)	
195	300	195	300			Publication fee for early, voluntary, or normal publication	
179	740	279	370			Request for Continued Examination (RCE)	
098	130	098	130			Processing fee, except in provisional applications	
126	180	126	180			Submission of Information Disclosure Statement	
123	50	123	50			Processing fee for provisional applications	
146	740	246	370			Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370			For each additional invention to be examined (37 CFR 1.129(b))	
145	100	145	100			Certificate of correction	
147	2,520	147	2,520			Request for <i>ex parte</i> reexamination	
099	8,800	099	8,800			Request for <i>inter partes</i> reexamination	
148	110	248	55			Statutory disclaimer	
115	110	215	55			Extension for reply within first month	
116	400	216	200			Extension for reply within second month	
117	920	217	460			Extension for reply within third month	
118	1,440	218	720			Extension for reply within fourth month	
128	1,960	228	980			Extension for reply within fifth month	
119	320	219	160			Notice of appeal	
120	320	220	160			Filing a brief in support of an appeal	
121	280	221	140			Request for oral hearing	
122	130	122	130			Petitions to the Commissioner	
140	110	240	55			Petition to revive unavoidably abandoned application	
141	1,280	241	640			Petition to revive unintentionally abandoned application	
091	1,280	091	1,280			Acceptance of an unintentionally delayed claim for priority	
561	3	561	3			Printed copy of patent, regular service	
581	40	481	40			Recording each patent assignment per property (times number of properties)	
Other fee (specify):							
Other fee (specify):							
Other fee (specify):							

* Reduced by Basic Filing Fee Paid	SUBTOTAL (3)	\$0.00
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Submitted By		Complete (if applicable)	
Name (Print/Type)	Jonathan L. Klein	Registration No.:	41,119
Signature:		Telephone	301-251-6015
		Date:	1/29/02

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